Software export plan

2381. SHRI YALLA SESI BHUSHANA RAO: Will the PRIME MINISTER be pleased to state:

(a) whether it is a fact that the Computer Society of India submitted a detailed software export plan indicating that the target could be raised of Rs. 1000 crores by 1991, if certain facilities are given;

(b) whether it is also a fact that there is no planned approach to meet the software needs of the Personal Computers;

(c) whether it is a fact that very large sums are being paid in foreign exchange on a continuing basis for essential software and packages;

(d) whether it is a fact that software R&D is more feasible than the other projects;

(e) whether it is also a fact that the existing manpower resources are not properly used for the benefit of the local computer users;

(f) whether it is also a fact that the D.O.E. was planning to establish a centre for Development of advanced computer technology; and

(g) if so, the name of the plan where Government propose to establish to such a centre?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OR OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) The Department of Electronics has not received any specific software export plan from Computer Society of India. However, the Department of Electronics is receiving various suggestions from industry from time to time, which are considered and necessary actions taken.

(b) No, Sir. Efforts are being put in to develop indigenous operating systems/utility packages. The import of application software packages are not being encouraged as part of the Phased Manufacturing Programme approval for the manufacture of Computers. The Department of Electronics has uudertaken research, design and development programme for the import substitution of specific software packages of PC systems.

(c) Efforts are being made to conserve outflow of foreign exchange through bulking of imports of software through approved manufacturers/agencies to supplement indigenous software industry.

(d) Like any other project the software development activity can range from simple application packages to very sophisticated software project.

(e) No, Sir. Existing manpower is being utilised for hardware and software development and system engineering applications.

(f) Yes, Sir.

(g) Centre for Development of Advanced Computing Technology (C-DACT) at Pune, a plan project under Department of Electronics.

Projects invented by the NRDC and CSIR

2382. SHRI S. S. AHLUWALIA: Will the PRIME MINISTER be pleased to state:

(a) the details of projects which were started by the N.R.D.C., C.S.I.R. and other National Laboratories & Research Institutes of Government of India during the years 1985, 1986 and 1987;

(b) the details of the projects which were announced during each of the aforesaid years and offered to Public for commercial purposes;

(c) the details of parties with whom the agreements haev so far been made; and

(d) the details of agreements which have been implemented till date?